

NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.5  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

16772 U.S. PTO  
12/29/00

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC  
1050 Connecticut Avenue, N.W.,  
Suite 600  
Washington, DC 20036-5339  
Telephone: (202) 857-6000  
Facsimile: (202) 638-4810

Docket No.: 022972-00005

Date: December 29, 2000

JC750 U.S. PTO  
09/750100  
12/29/00

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): THE INERTIAL FIELD GENERATOR: A METHOD FOR CONTROLLABLY COUPLING KINEMATIC CHARACTER MOTIONS TO DYNAMICALLY SIMULATED ELEMENTS

By (Inventors): David E. BARAFF and Andrew WITKIN

14 pages of Specification/Claims 1-11/Abstract are attached.  
 Formal drawings Figs. 1a, 1b-4; 3 sheets are attached.  
 A Declaration and Power of Attorney is attached.  
 An assignment of the invention to \_\_\_\_\_ is attached, along with Form PTO-1595 and a check for \$40.00.  
 An Information Disclosure Statement is attached, along with Form PTO-1449, and \_\_\_\_\_ reference(s).  
 This application is entitled to Small Entity Status.  
 A Preliminary Amendment is attached.  
 Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_.  
 Priority of foreign application No. \_\_\_\_\_ filed \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. §119.  
 A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	11 - 20	= 0
INDEP CLAIMS	1 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS		

**SMALL ENTITY**

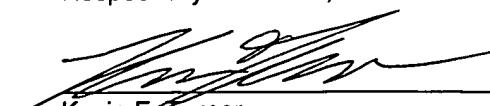
OR	RATE	Fee
		\$ 355
x 9 =		\$
x 40 =		\$
+135 =		\$
TOTAL		\$

**LARGE ENTITY**

OR	RATE	Fee
		\$ 710
x 18 =		\$ 0
x 80 =		\$ 0
+270 =		\$ 0
OR TOTAL		\$ 710

A check in the amount of \$750.00 (710.00 for the filing fee and 40.00 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,

  
Kevin F. Turner  
Registration No. 43,437

KFT/ejb